

Converting Colors

Hex(F3D941)

Have a look what the booklet for
Hex(F3D941) contains.

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Color

Hex(F3D941)

Conversions

Conversions Part 1

Format	Color
Hex	F3D941
RGB	243, 217, 65
RGB Percent	95%, 85%, 25%
CMY	0.0471, 0.1490, 0.7451
CMYK	0.00, 0.11, 0.73, 0.05
HSL	51°, 88%, 60%
HSV	51°, 73%, 95%
XYZ	62.7291, 69.0620, 15.0252
YIQ	207.4460, 64.2880, -41.7600

Conversions

Conversions Part 2

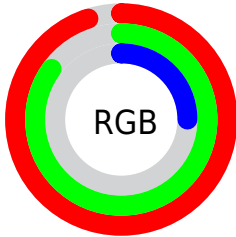
Format	Color
R _Y B	95, 243, 65
Decimal	15980865
CIE Lab	86.53, -6.64, 73.43
CIE LCh	87, 73.732, 95.163
Yxy	69.0620, 0.4273, 0.4704
Android (android.graphics.Color)	4294170945 (0xFFFF3D941)
YUV	207.4460, -70.2259, 31.1809
Hunter-Lab	83.1036, -10.6940, 47.4529

Details

The Hex color **F3D941** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **415BF3**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFF7B**, and **B7A300** is the 20% darker color. If you saturate the color by 10%, you get **F3D529**, and if you desaturate by 10%, it is **F3DD59**.

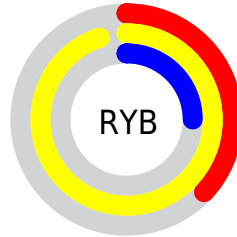
Distribution



Red (95%)

Green (85%)

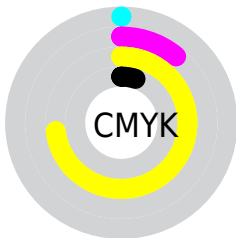
Blue (25%)



Red (37%)

Yellow (95%)

Blue (25%)

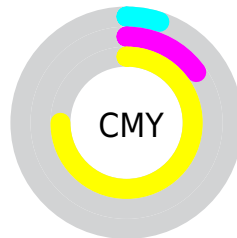


Cyan (0%)

Magenta (11%)

Yellow (73%)

Black (5%)



Cyan (5%)

Magenta (15%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color F3D941 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color F3D941 by changing the saturation by 10% instead.

 F3D941

 F3D941

FFFFFF

 D5BD1F

 FFFF7B

 B7A300

 FFFF97

 9A8900

 FFFFB3

 7D6F00

 FFFF00

 615700

 FFFFEE

 454000

 2C2B00

 121700

 000000

 F3D941

 F3D941

 F3D529

 F3DD59

 F3D210

 F3E072

 F3D000

 F3E48A

 F3E7A2

 F3EBBA

 F3EED3

 F3F2EB

 F3F5FF

 F3F9FF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFBF57



F3D941



AAEB5F

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F3D941



00F9FF



FFA5FF

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



F3D941



415BF3

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



ECC1FF



F3D941



00EFFF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F3D941



00FBE3



59DCFF



FF98CF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F3D941



69F385



59DCFF



FFADFF

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



F3D941



FFF7C7



F3415C



807B5E



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



F3D941



FFDE1F



B5F341



7A796E



BA9F00



3B3200

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



415BF3



1F3FFF



7F41F3



6E707A



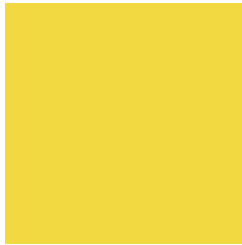
001BBA



00093B

Previews

White Background



This preview shows how the Hex color F3D941 looks on a white background.

Color Contrast Check

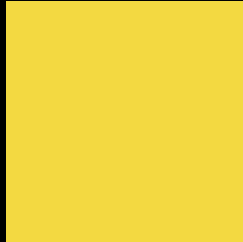
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color F3D941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex F3D941 Background



This preview shows how black text looks on a background with the Hex color F3D941.



This preview shows how white text looks on a background with the Hex color F3D941.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

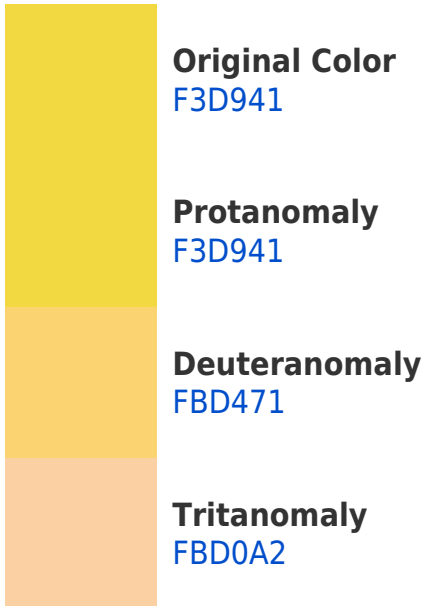


Original Color
F3D941

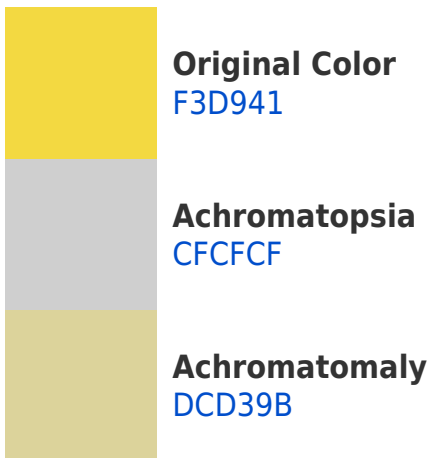
Protanopia
F3D941

Deuteranopia
FFD18C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F3D941 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #F3D941 looks like.

```
.text, #text, p{  
    color:#F3D941  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #F3D941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3D941
}
```

Border

The CSS property to change the border of an element to Hex F3D941 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F3D941 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#F3D941 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #F3D941 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3D941; -webkit-box-shadow:4px 4px  
4px 4px #F3D941; box-shadow:4px 4px 4px  
4px #F3D941 }
```

Background

The CSS property to change the background color of an element to Hex F3D941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3D941 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#F3D941 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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